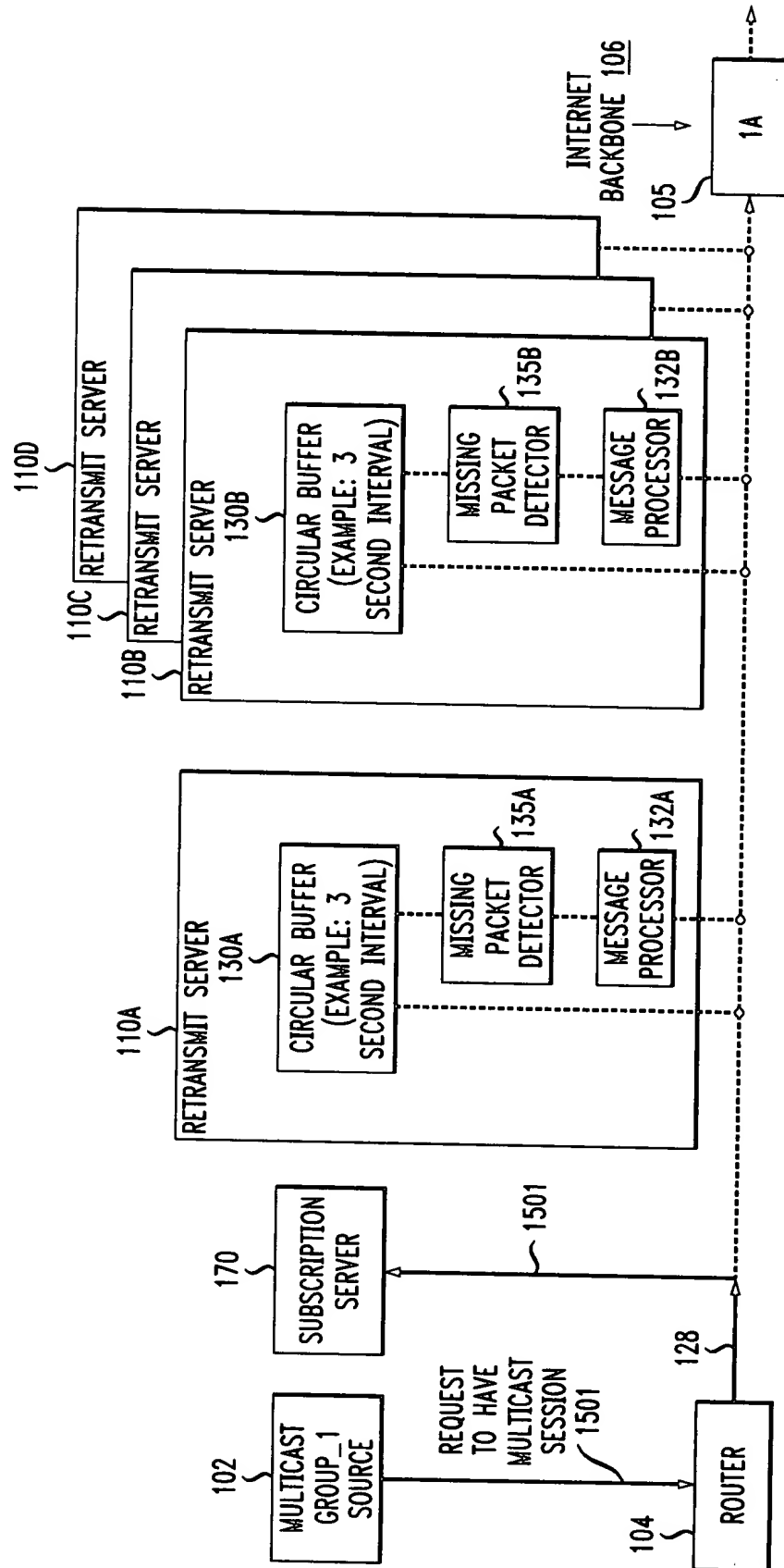


FIG. 1



2/20

FIG. 1A

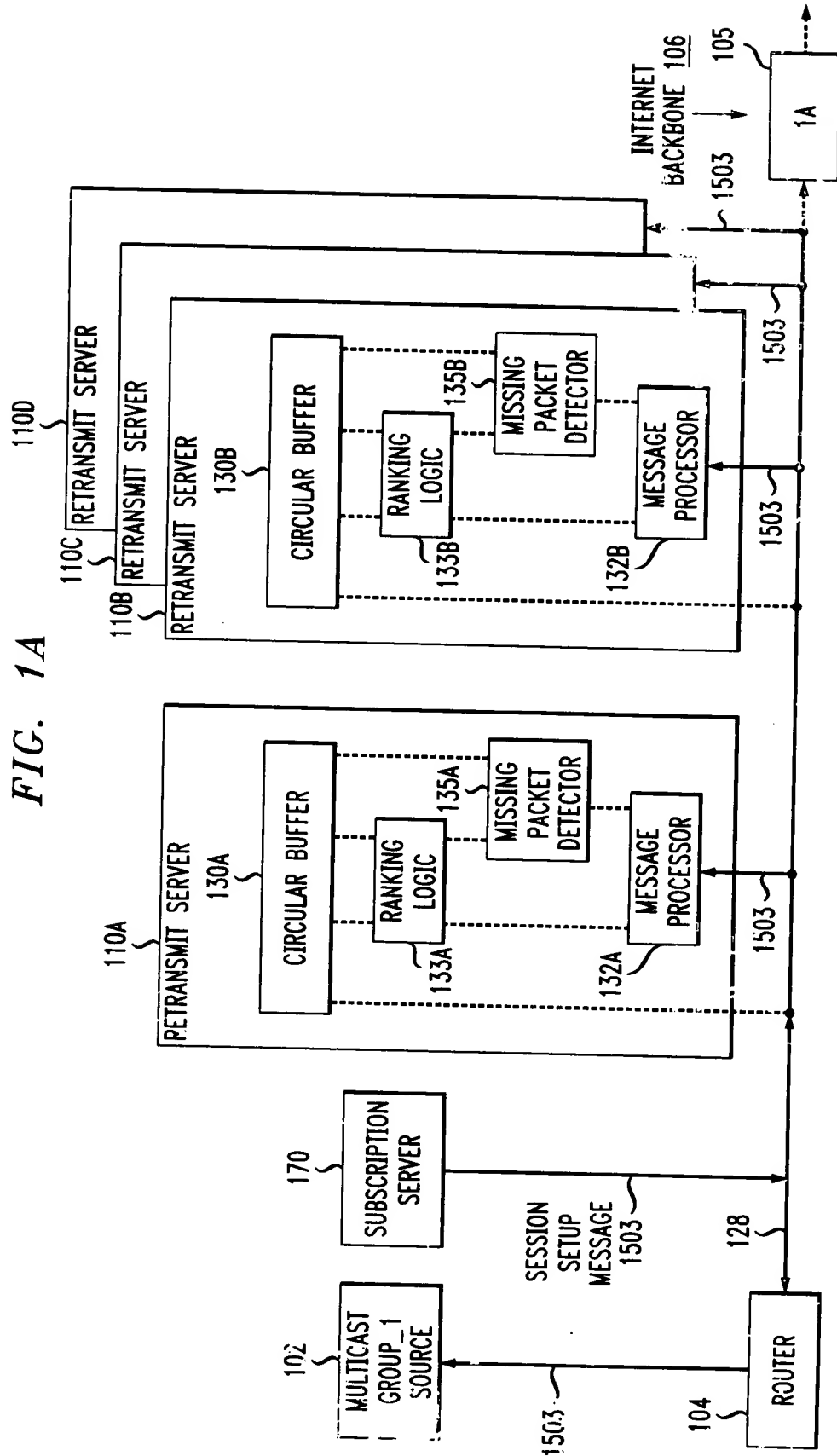
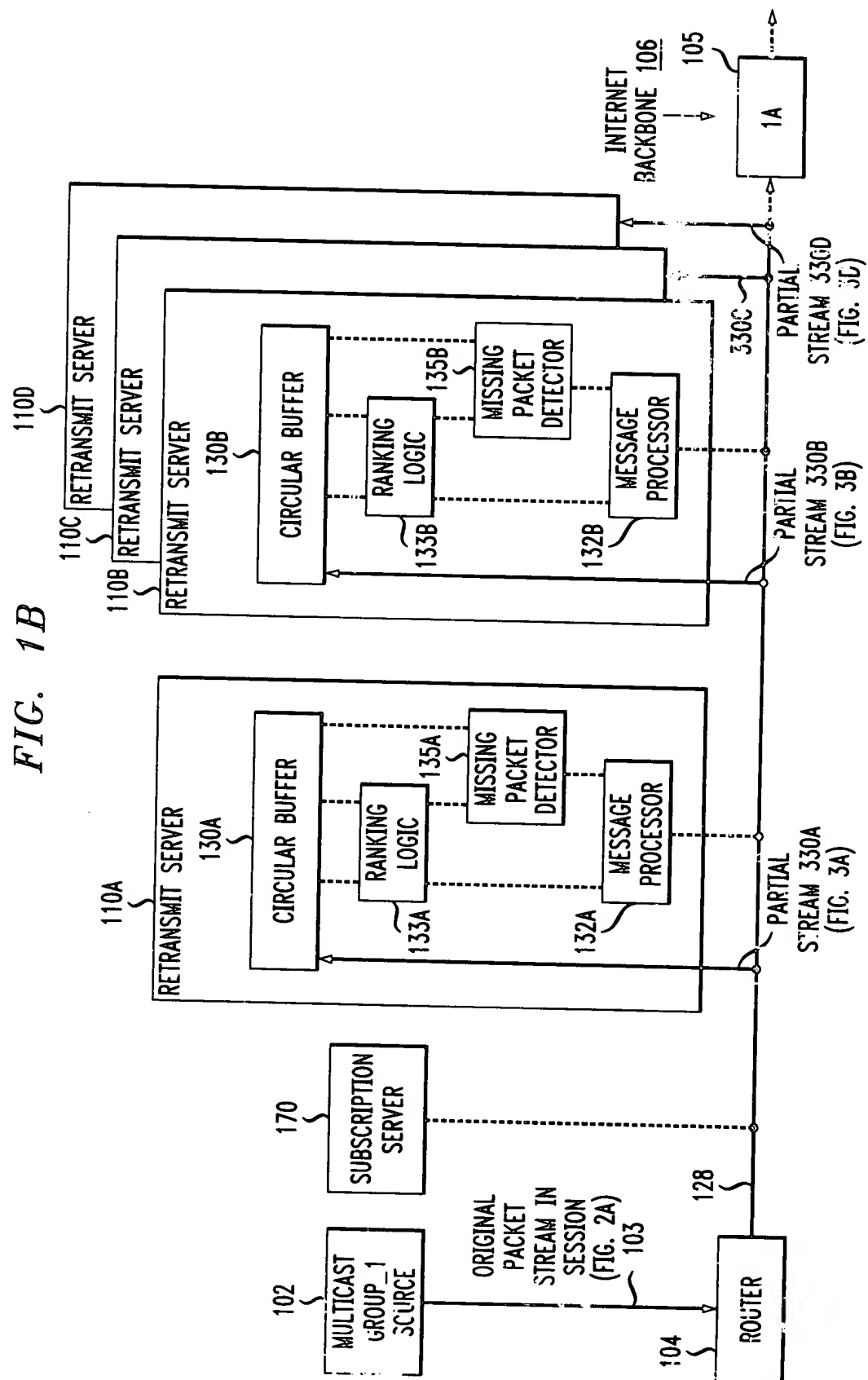
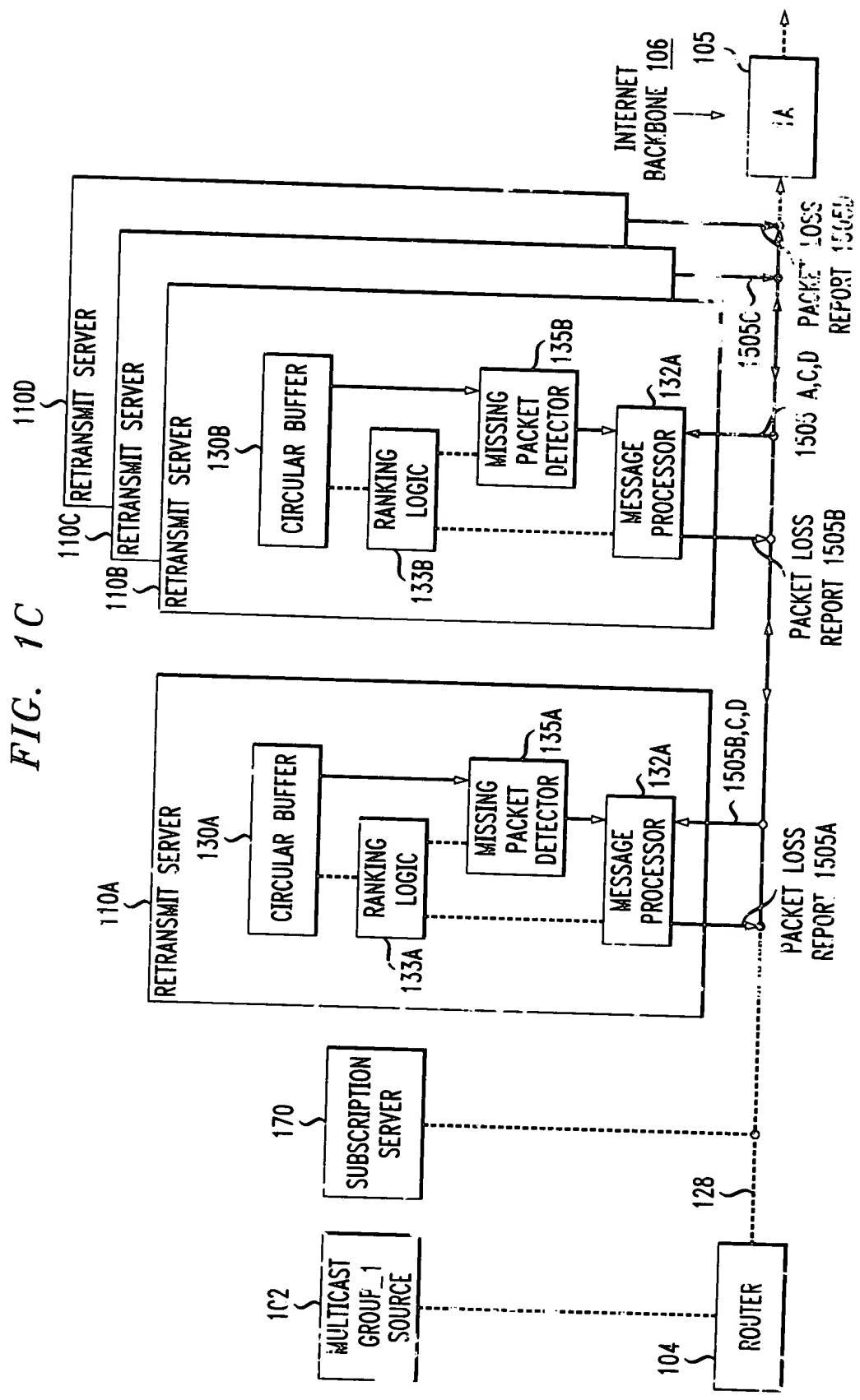


FIG. 1B



4/20

FIG. 1C



6/20

FIG. 1E

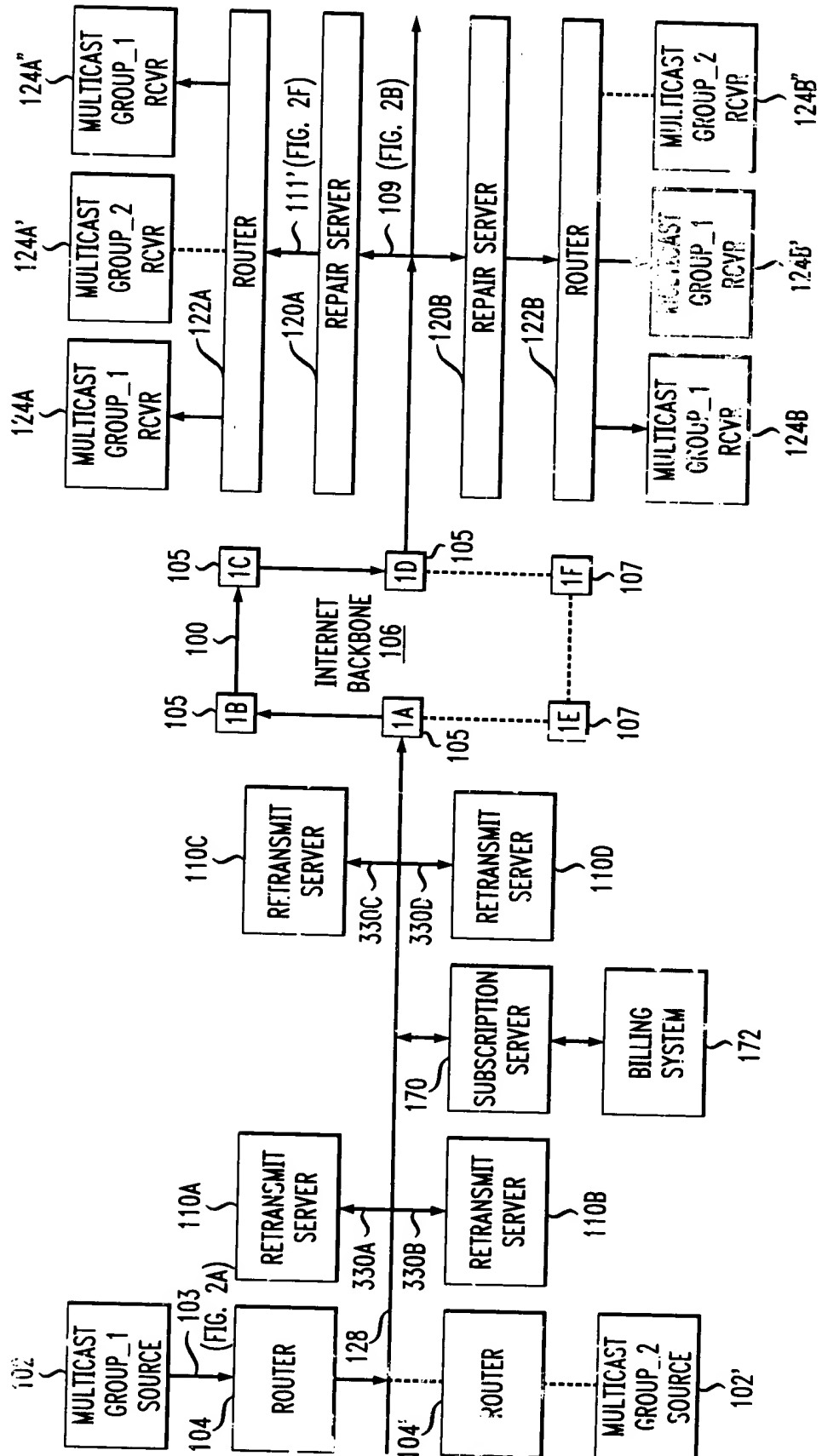
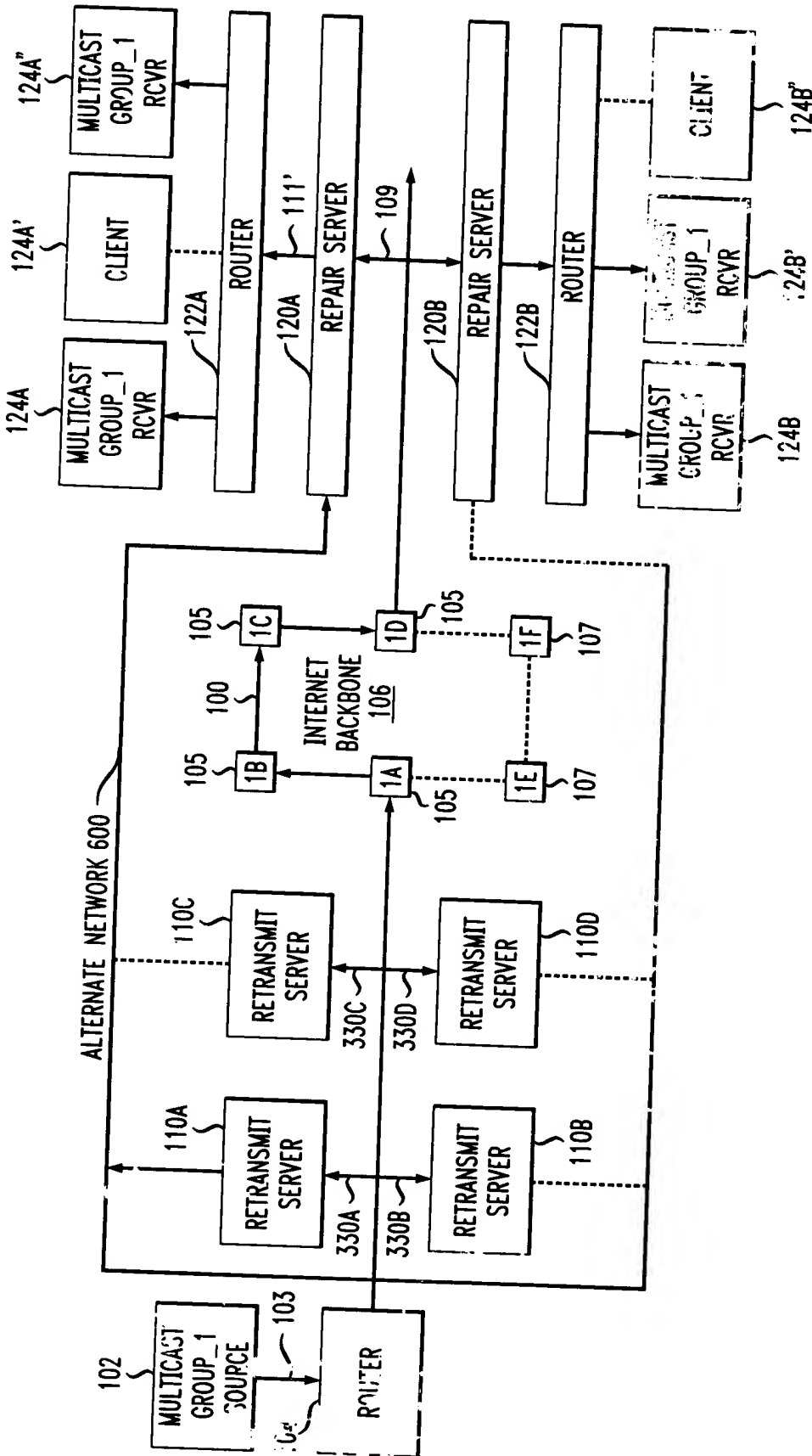
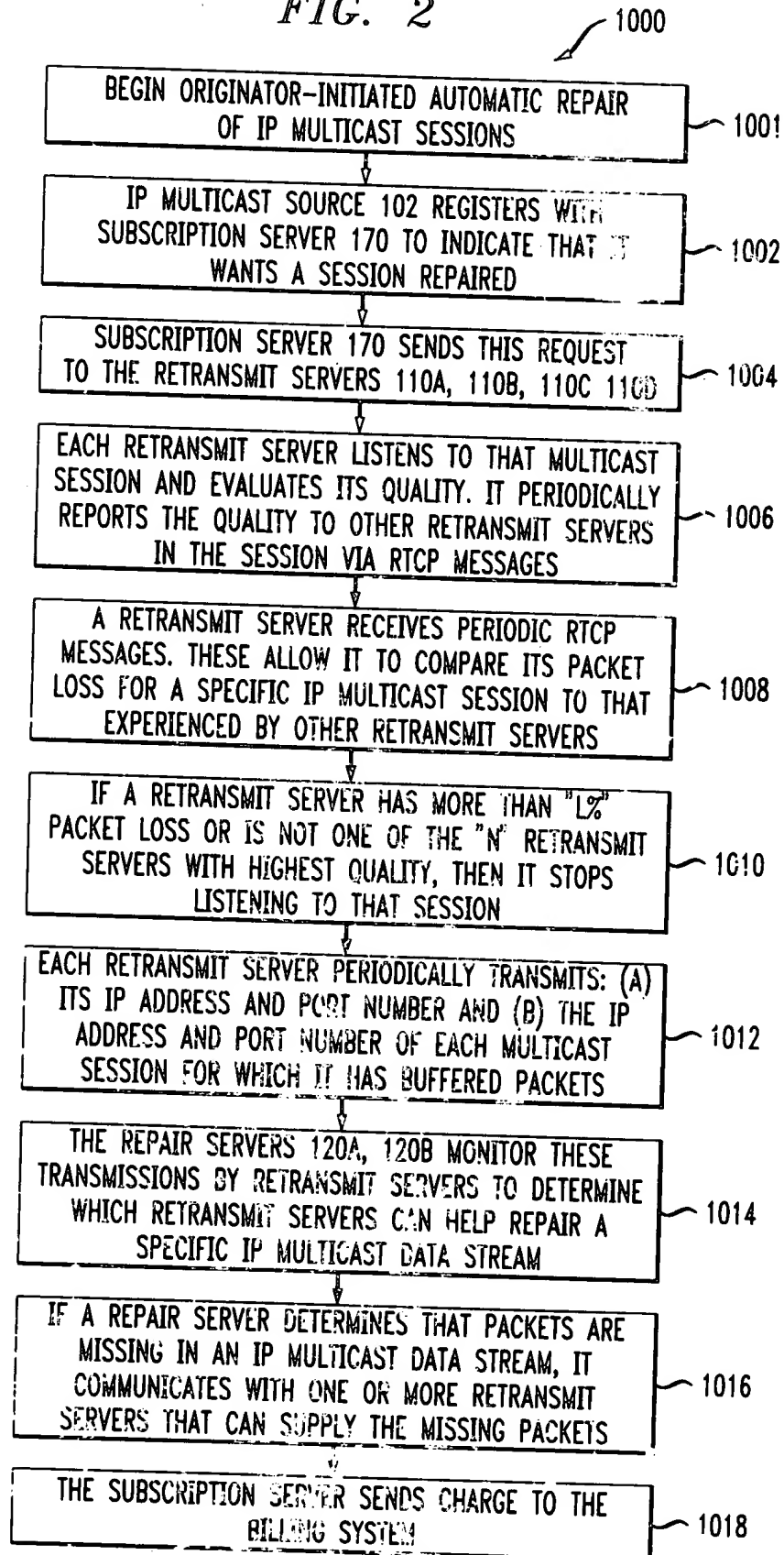


FIG. 1F



8/20

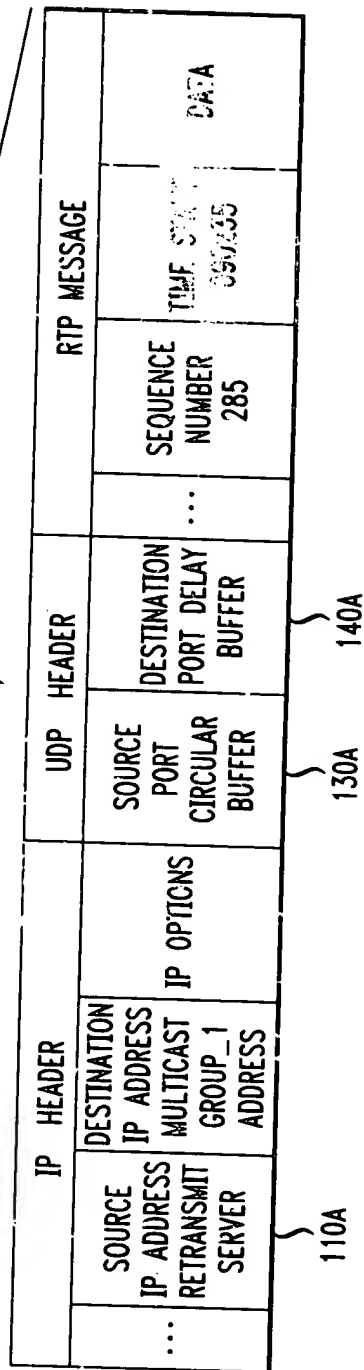
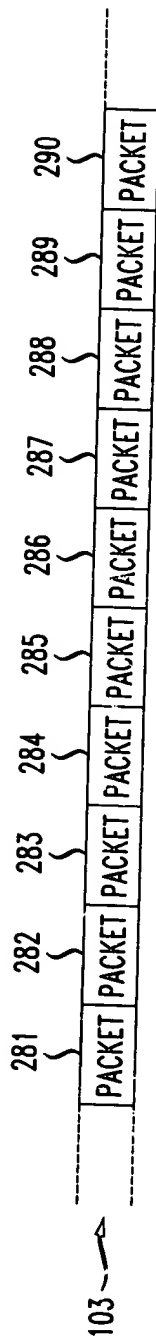
FIG. 2



9/20

FIG. 2A

PACKETS CURRENTLY BEING OUTPUT BY
MULTICAST GROUP_1 SOURCE 102



10/20

FIG. 2B

PACKETS CURRENTLY BEING DELIVERED TO DELAY BUFFER 140A

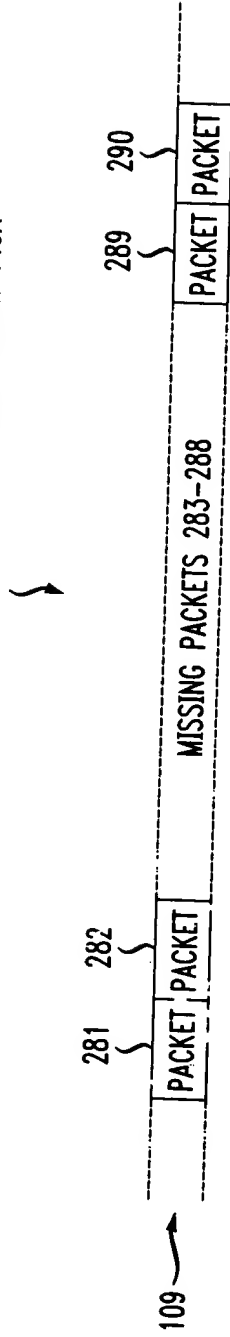
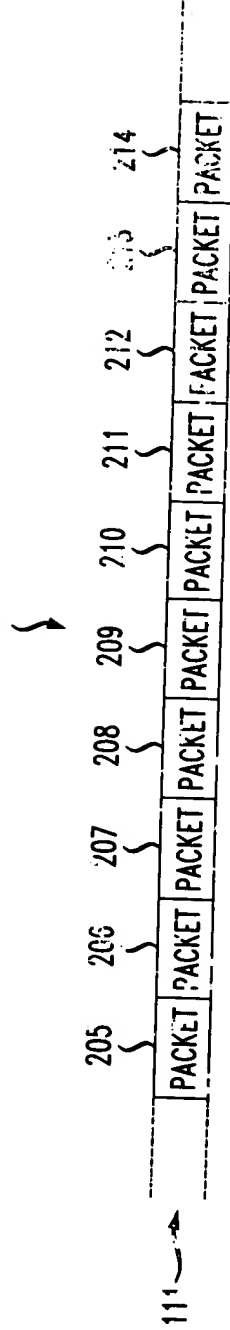


FIG. 2C

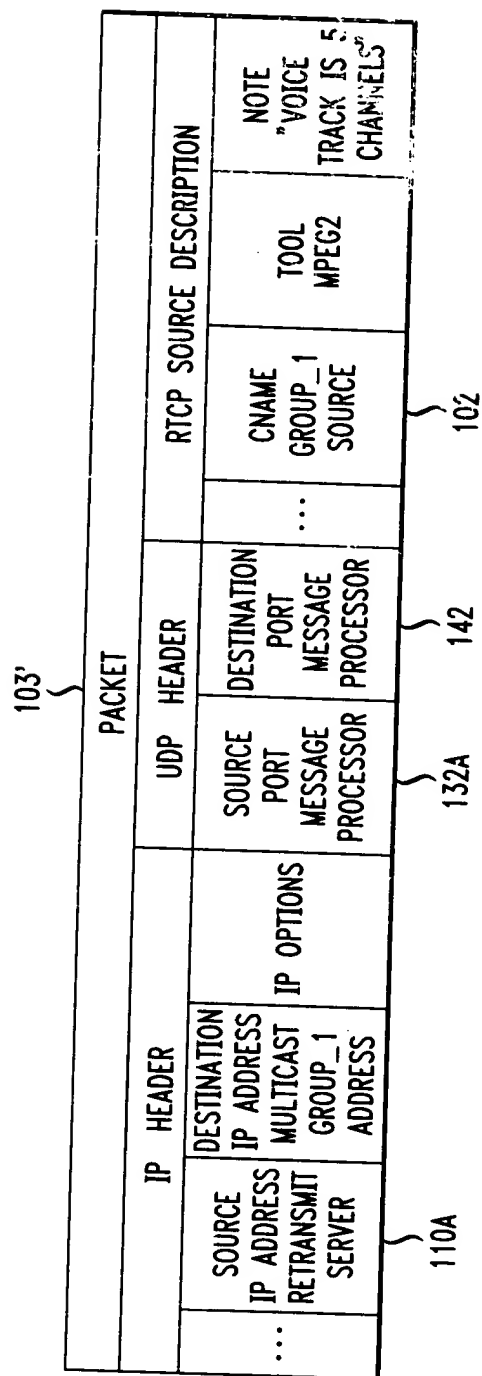
PACKETS CURRENTLY BEING DELIVERED TO ROUTER 122A
WITH A 3-SECOND DELAY



11/20

FIG. 2D

RTCP SOURCE DESCRIPTION PACKET PERIODICALLY OUTPUT
BY MULTICAST GROUP_1 SOURCE 102



12/20

FIG. 2E

RTCP SENDER REPORT PACKET PERIODICALLY OUTPUT
BY MULTICAST GROUP_1 SOURCE 102

103"

PACKET						
IP HEADER			UDP HEADER		RTCP SENDER REPORT	
...	SOURCE IP ADDRESS RETRANSMIT SERVER	DESTINATION IP ADDRESS MULTICAST GROUP_1 ADDRESS	IP OPTIONS	SOURCE PORT MESSAGE PROCESSOR	DESTINATION PORT MESSAGE PROCESSOR	...
110A			132A		142	
					102	
					SENDER'S PACKET COUNT 290	SENDER'S OCTET COUNT 290,000

FIG. 2F

REPAIRED MULTICAST SESSION 111'
WHICH APPEARS TO RECIPIENT RECEIVERS 124A
TO BE THE SAME MULTICAST GROUP_1 SESSION
FROM SOURCE 102

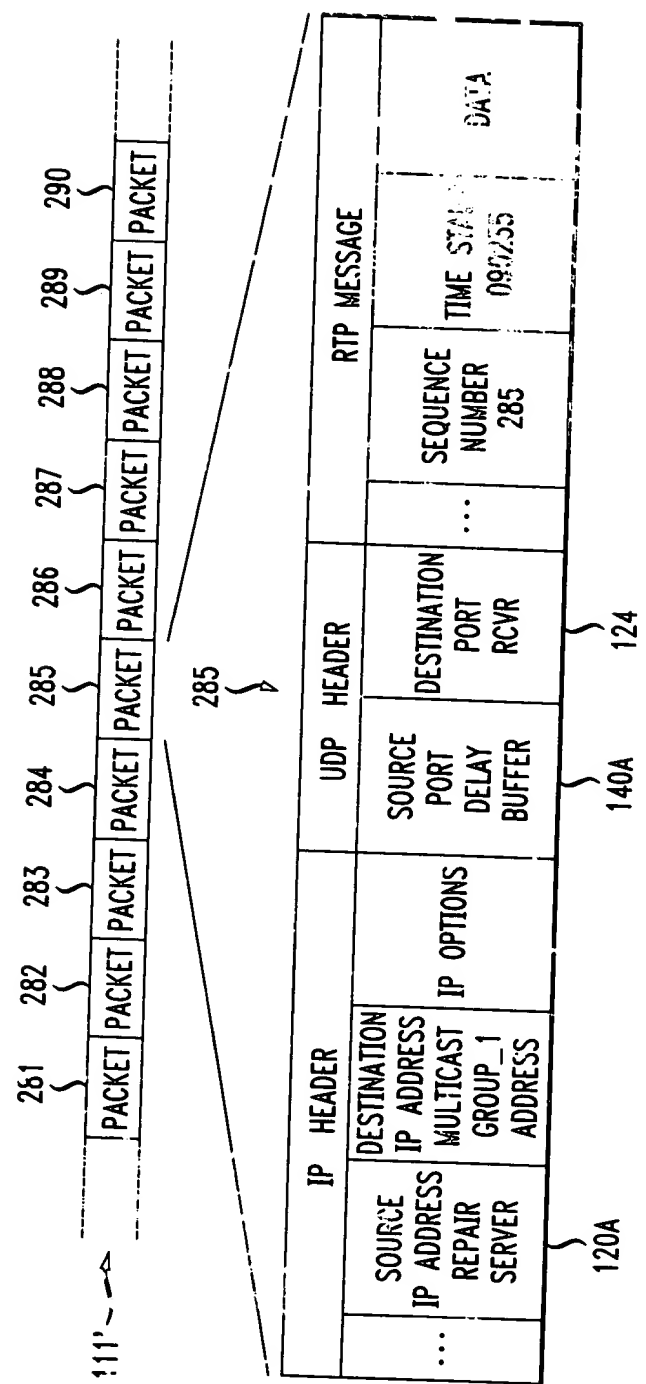
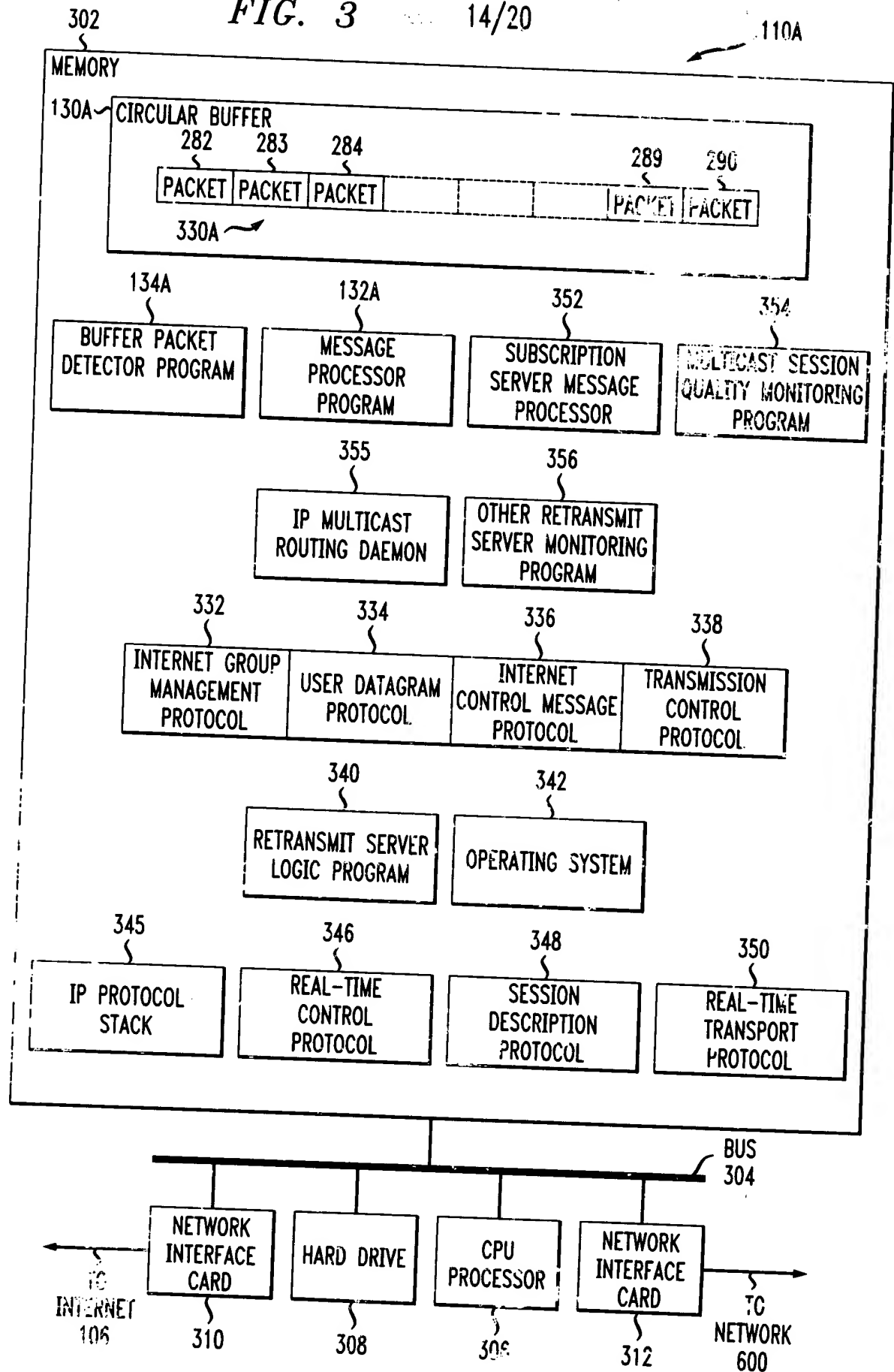


FIG. 3

14/20



15/20

FIG. 3A

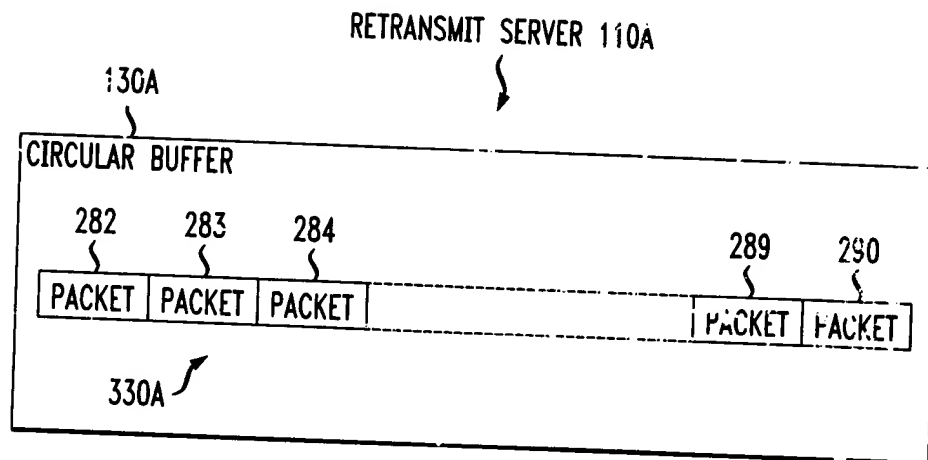
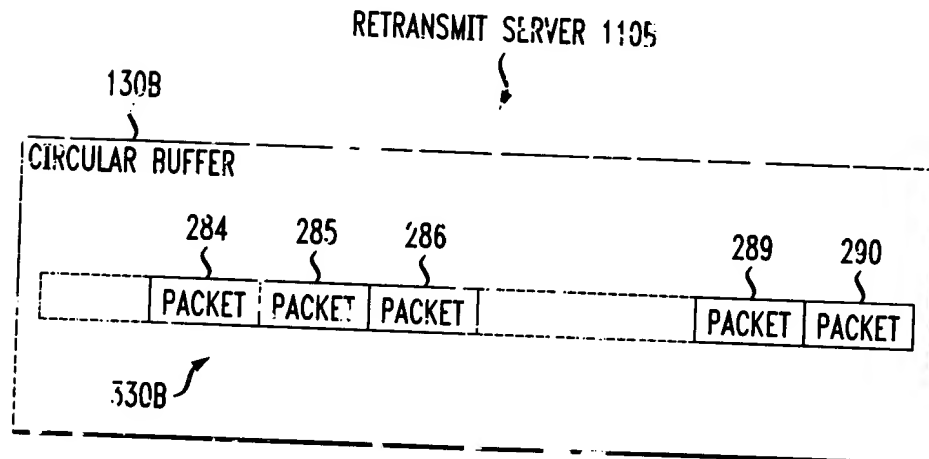


FIG. 3B



16/20

FIG. 3C

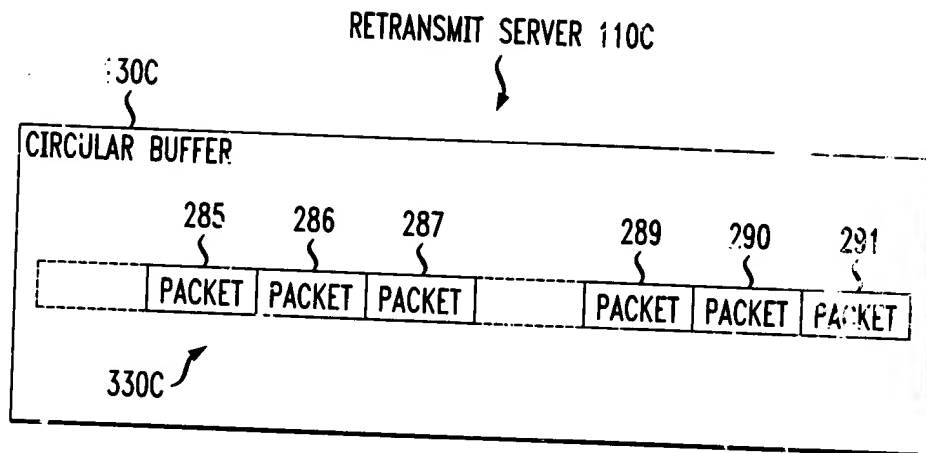
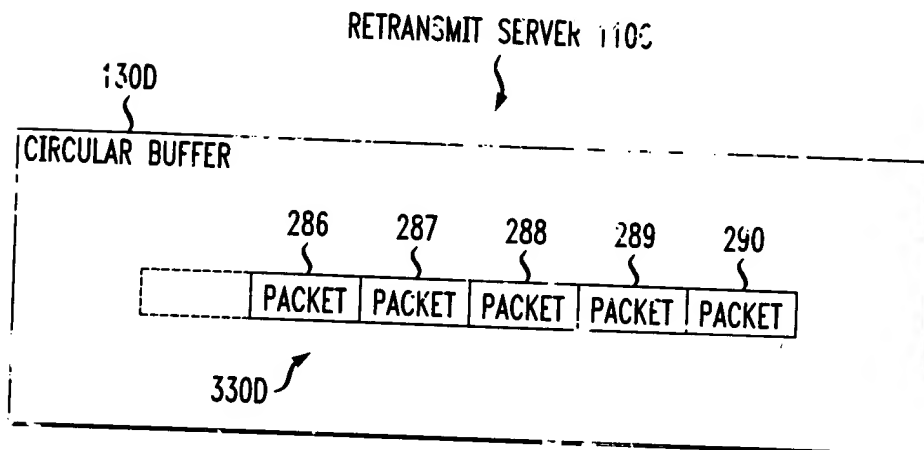


FIG. 3D

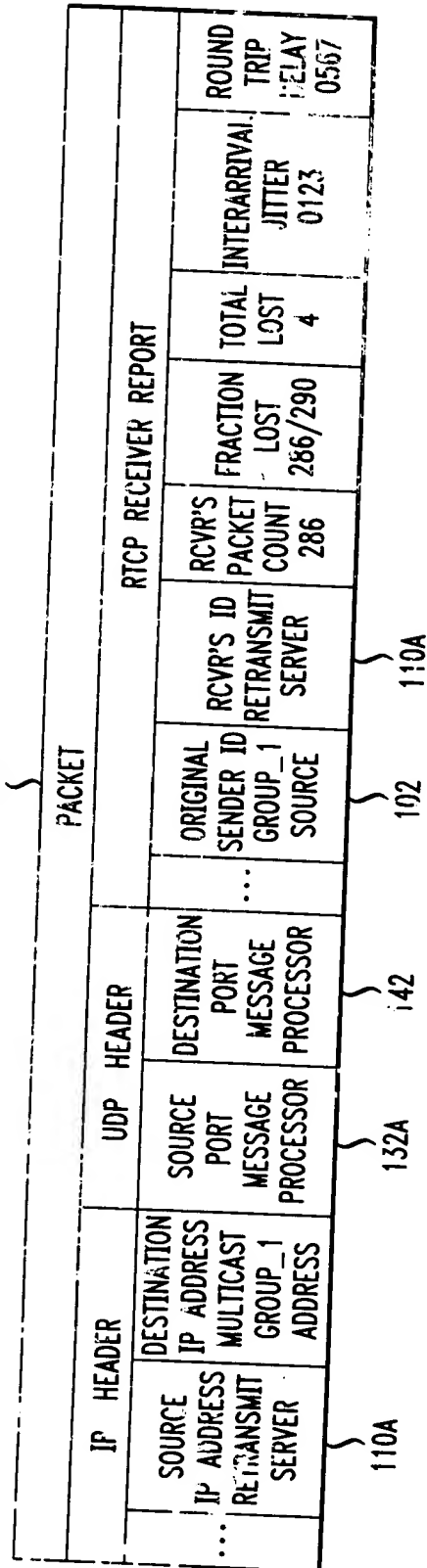


17/20

FIG. 3E

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT
BY RETRANSMIT SERVER 110A

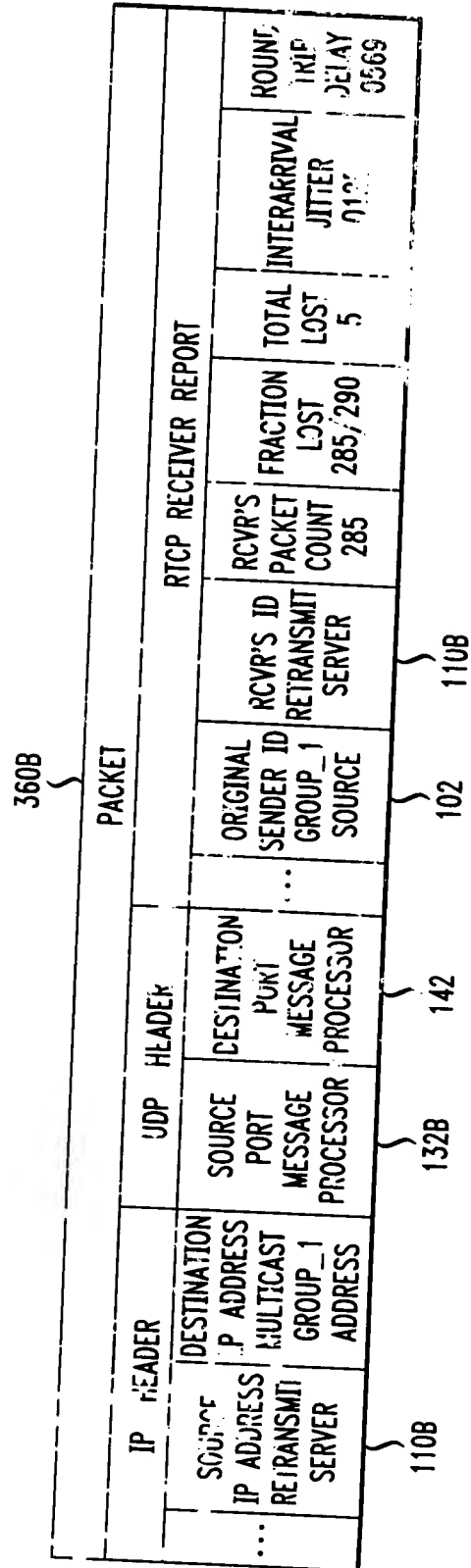
360A



18/20

FIG. 3F

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT
BY RETRANSMIT SERVER 110B

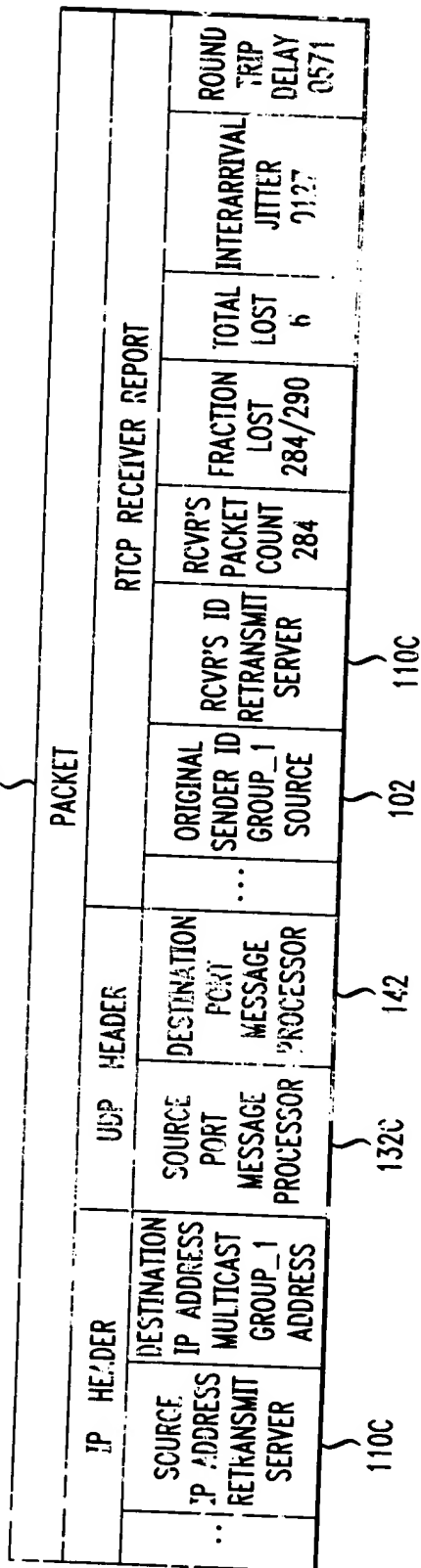


19/20

FIG. 3C

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT
BY RETRANSMIT SERVER 110C

360C



20/20

FIG. 3H

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT
BY RETRANSMIT SERVER 110D

